

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030219\
 Data File : VW008952.D
 Acq On : 02 Mar 2019 06:26
 Operator : SY/VA
 Sample : K1675-27RE
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 Z-3-12-BRE

Quant Time: Mar 04 00:39:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

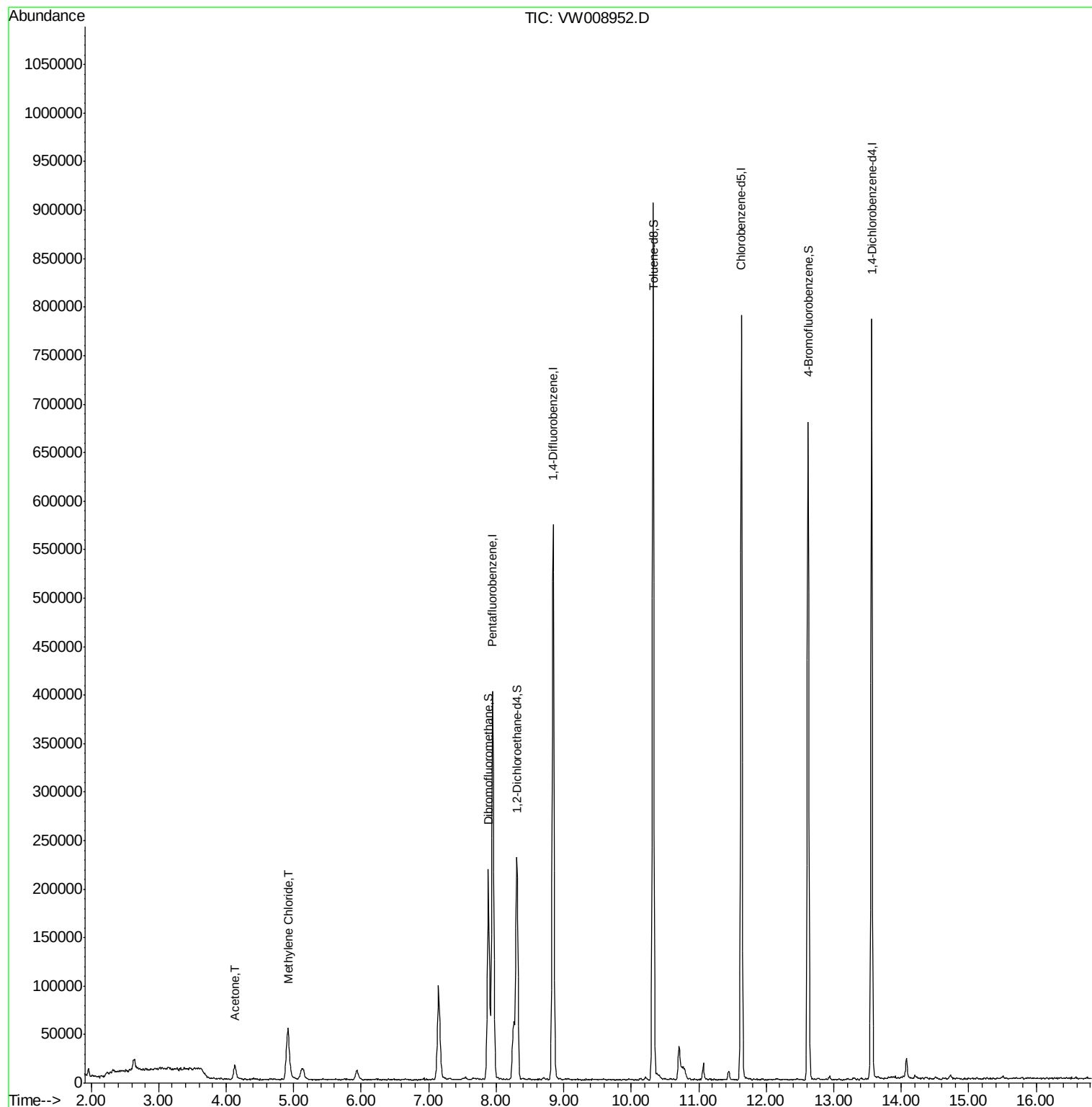
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	295807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	465432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	428023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	199264	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	170563	61.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.96%	
35) Dibromofluoromethane	7.88	113	143429	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
50) Toluene-d8	10.32	98	564511	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.62	95	189447	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.70%	
Target Compounds						
16) Acetone	4.13	43	26056	40.517	ug/l	Qvalue 100
20) Methylene Chloride	4.92	84	40460	8.535	ug/l	93

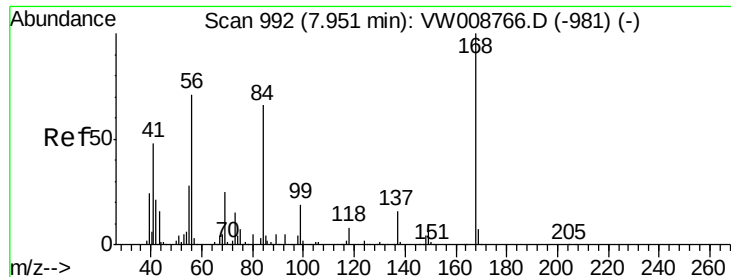
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008952.D

Acq: 02 Mar 2019 06:26

Instrument :

MSVOA_W

ClientSampleId :

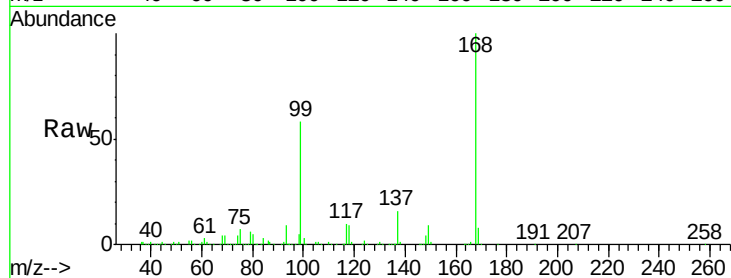
Z-3-12-BRE

Tot Ion:168 Resp: 295807

Ion Ratio Lower Upper

168 100

99 58.1 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

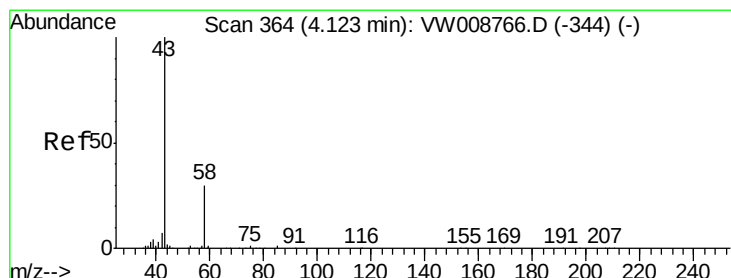
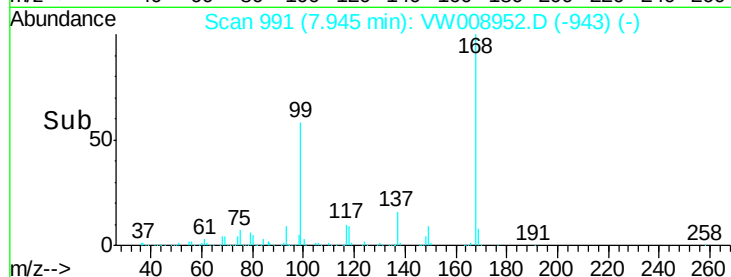
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 40.517 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008952.D

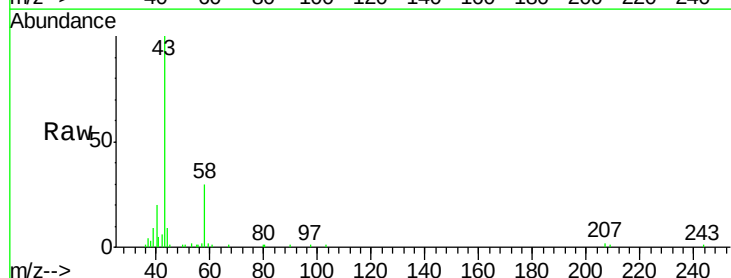
Acq: 02 Mar 2019 06:26

Tgt Ion: 43 Resp: 26056

Ion Ratio Lower Upper

43 100

58 29.8 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

10000

8000

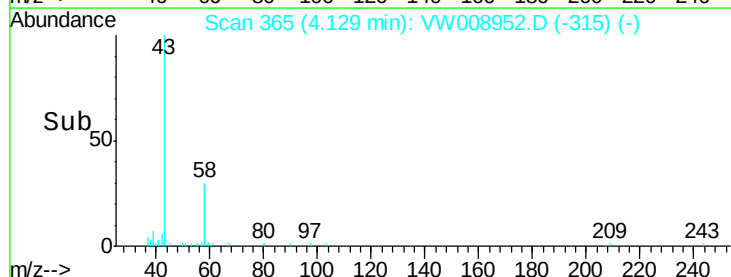
6000

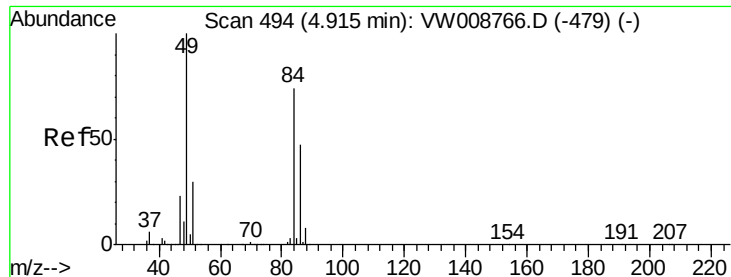
4000

2000

0

Time--> 4.00 4.10 4.20

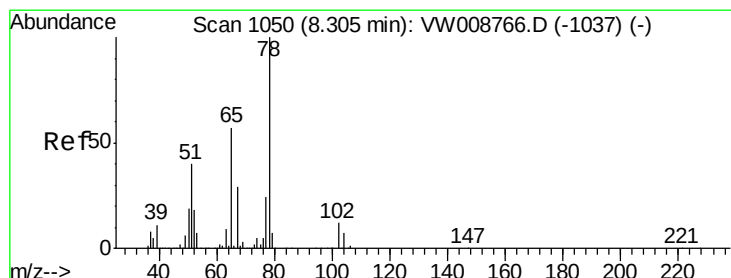
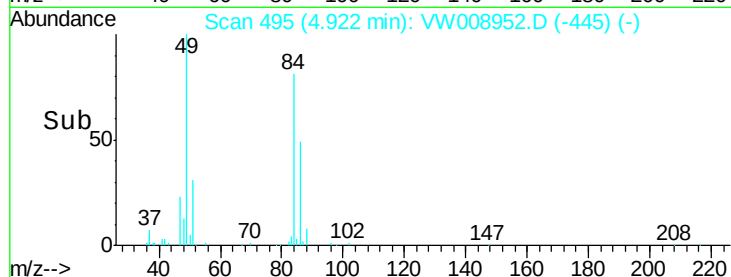
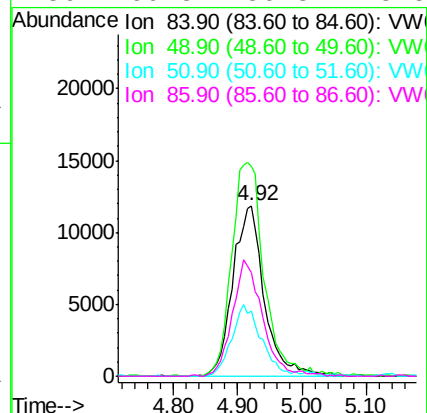
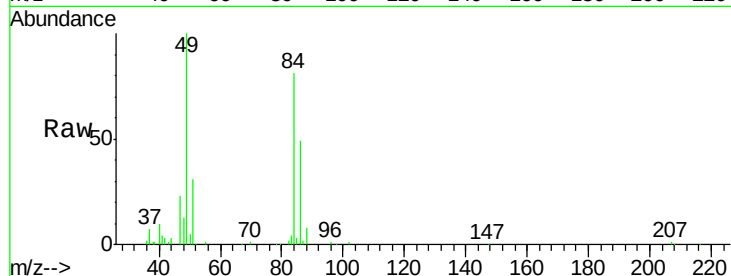




#20
Methylene Chloride
Concen: 8.535 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW008952.D
Acq: 02 Mar 2019 06:26

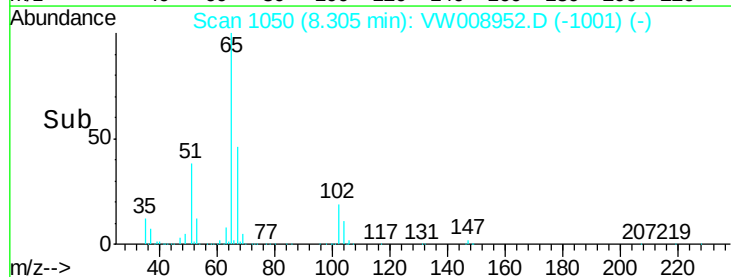
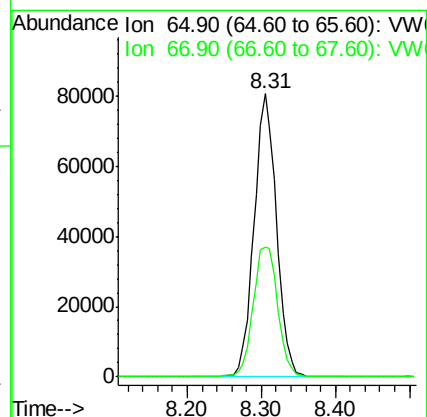
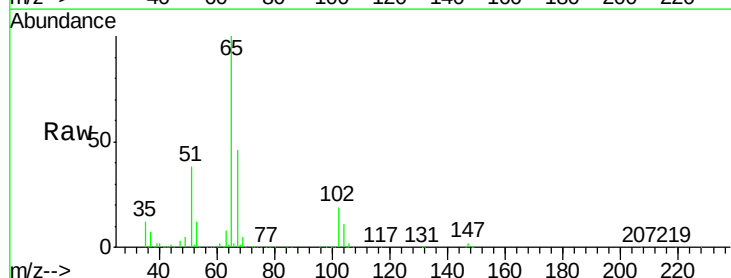
Instrument :
MSVOA_W
ClientSampled :
Z-3-12-BRE

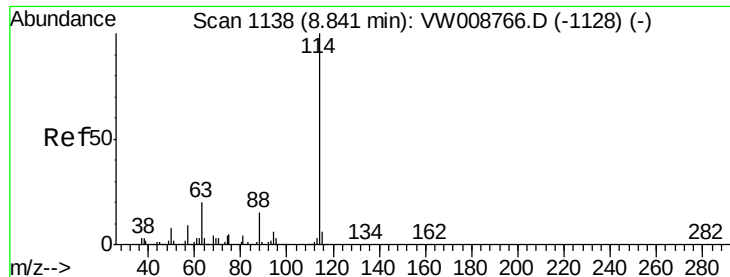
Tot Ion: 84 Resp: 40460
Ion Ratio Lower Upper
84 100
49 123.4 108.2 162.2
51 38.4 32.7 49.1
86 60.3 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 61.477 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008952.D
Acq: 02 Mar 2019 06:26

Tgt Ion: 65 Resp: 170563
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008952.D

Acq: 02 Mar 2019 06:26

Instrument :

MSVOA_W

ClientSampleId :

Z-3-12-BRE

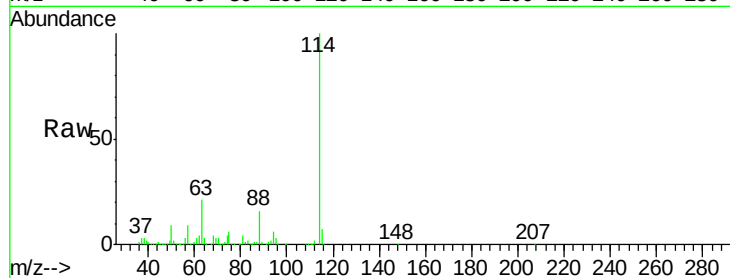
Tot Ion:114 Resp: 465432

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

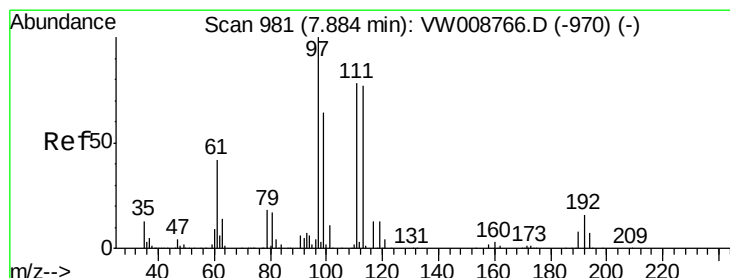
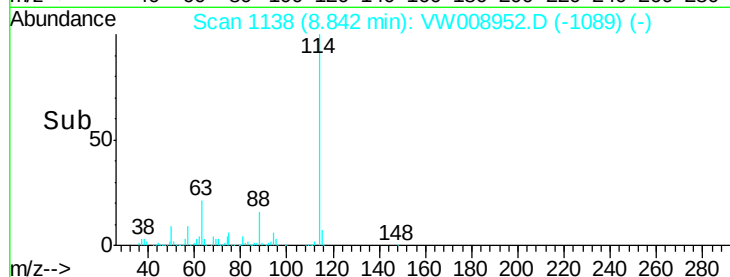
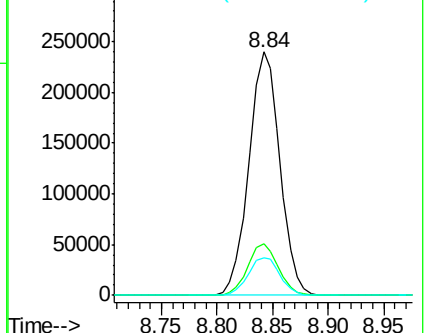
88 15.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 51.325 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008952.D

Acq: 02 Mar 2019 06:26

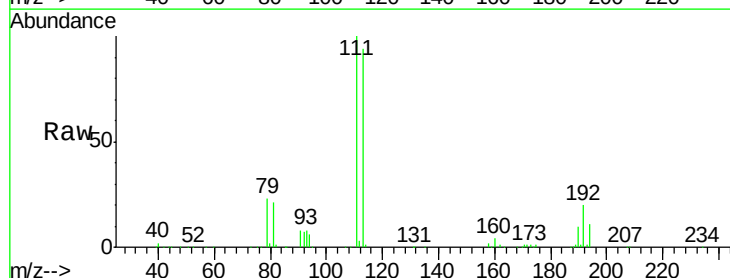
Tgt Ion:113 Resp: 143429

Ion Ratio Lower Upper

113 100

111 103.7 81.9 122.9

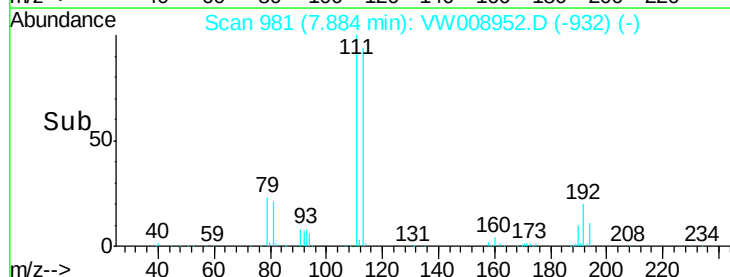
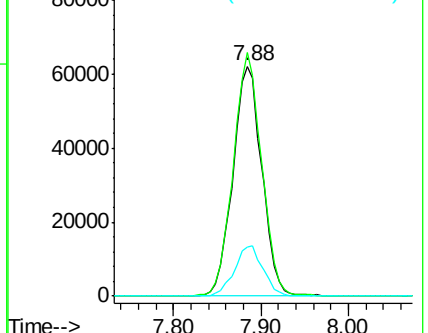
192 21.5 17.1 25.7

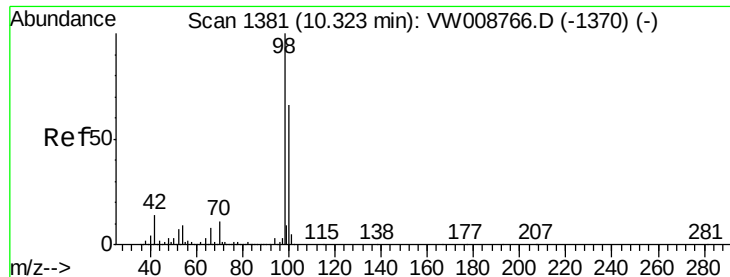


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.329 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008952.D

Acq: 02 Mar 2019 06:26

Instrument :

MSVOA_W

ClientSampleId :

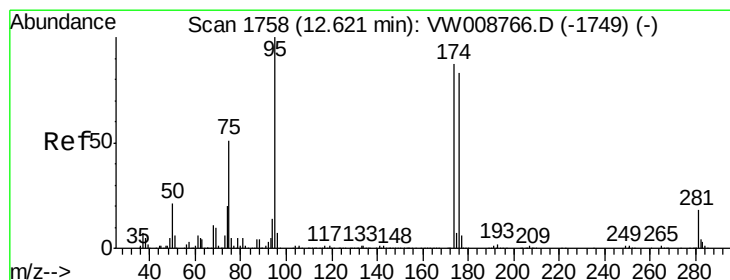
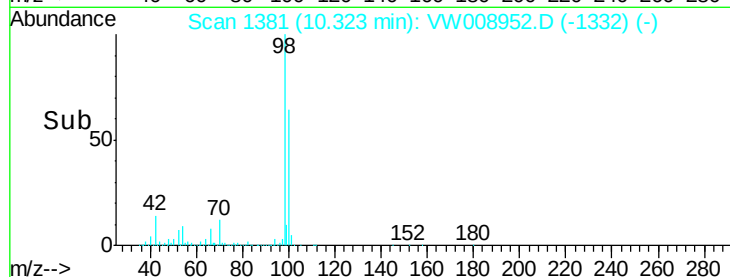
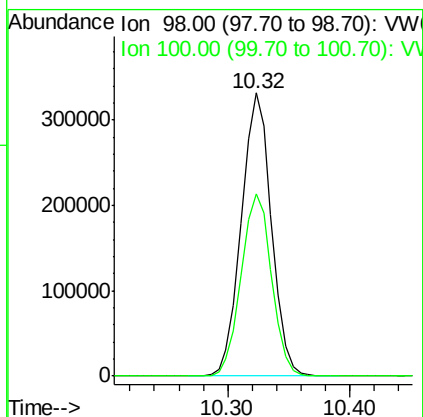
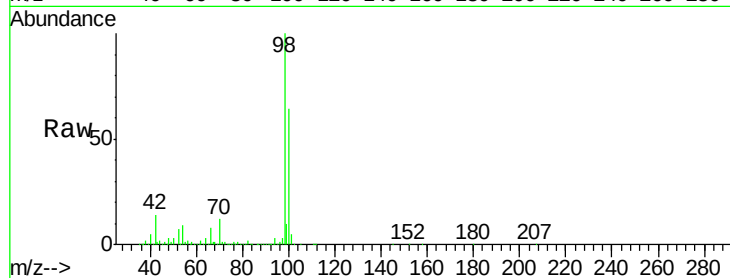
Z-3-12-BRE

Tot Ion: 98 Resp: 564511

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.852 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008952.D

Acq: 02 Mar 2019 06:26

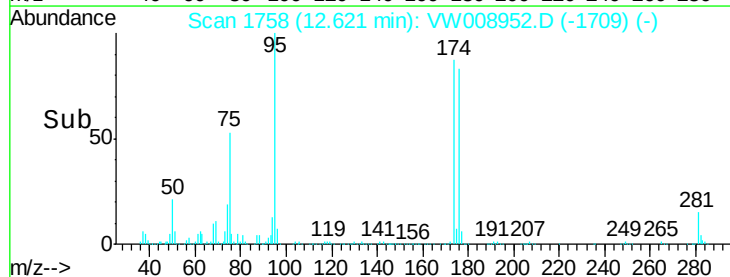
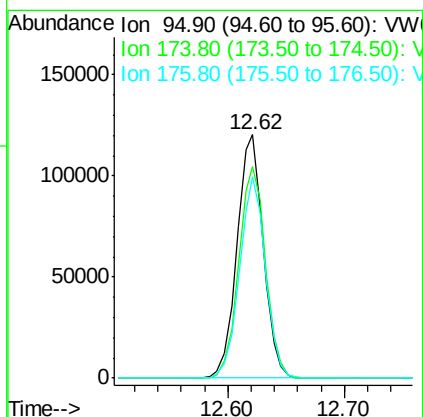
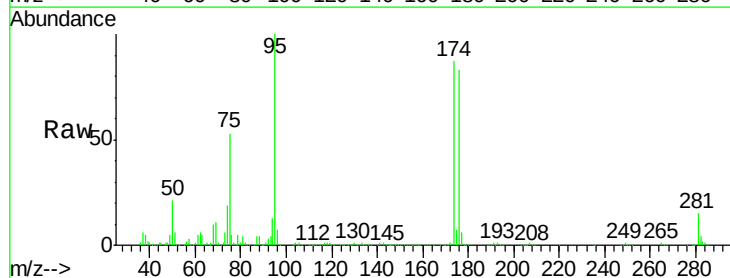
Tgt Ion: 95 Resp: 189447

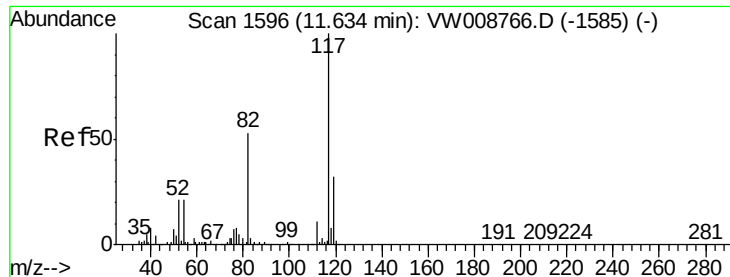
Ion Ratio Lower Upper

95 100

174 88.3 0.0 169.2

176 81.2 0.0 163.6

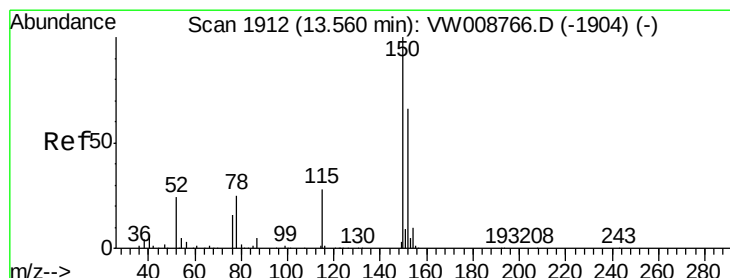
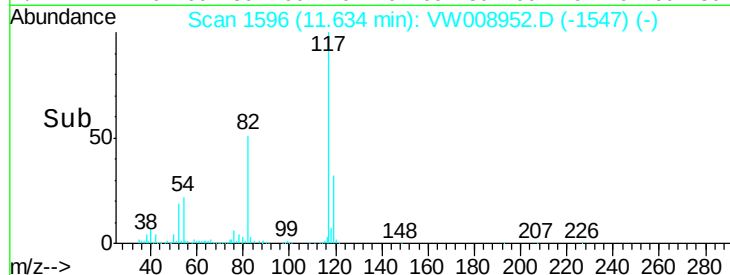
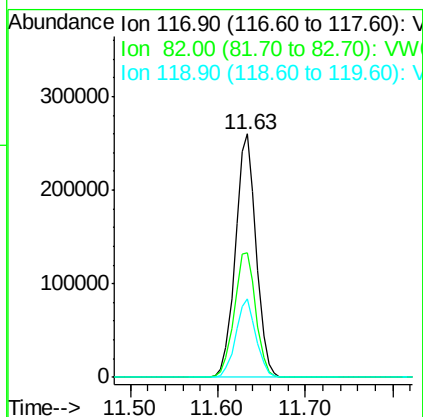
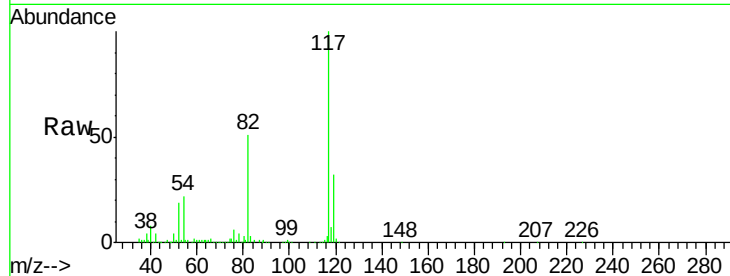




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008952.D
Acq: 02 Mar 2019 06:26

Instrument :
MSVOA_W
ClientSampleId :
Z-3-12-BRE

Tot Ion:117 Resp: 428023
Ion Ratio Lower Upper
117 100
82 51.3 42.2 63.4
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008952.D
Acq: 02 Mar 2019 06:26

Tgt Ion:152 Resp: 199264
Ion Ratio Lower Upper
152 100
115 56.3 28.6 85.8
150 154.2 0.0 348.0

